

STATOR CORE, AN ELECTRIC MOTOR IN WHICH IT IS UTILIZED, AND METHOD OF MANUFACTURING A STA- TOR CORE

Abstract

In a stator core is formed by laminated strip-shaped straight cores including a plurality of teeth portions, bent portions being provided with V-shaped notches, which define V-shaped gaps opened to one direction and interposing between each of the teeth portions, the straight cores being formed into an annular configuration by bending the bent portions in a direction so as to close the V-shaped notches and circular holes being provided at the bent portions so as to form a series of gaps between each of the teeth portions. The straight cores further include deformation preventing portions formed on the bent portions by cutting off a part of a pair of oblique lines defining the V-shaped notches toward the circular holes so as to expand the gaps of the V-shaped notches and the circular holes for preventing the bent portions from deforming by stress of bending process.